

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number
WO 2005/075266 A1

(51) International Patent Classification⁷: **B60S 1/16**,
H02K 5/22

(21) International Application Number:
PCT/EP2005/001026

(22) International Filing Date: 2 February 2005 (02.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04/01195 6 February 2004 (06.02.2004) FR

(71) Applicant (for all designated States except US): **VALEO SYSTEMES D'ESSUYAGE** [FR/FR]; Z.A. de l'Agiot-B.P.81, 8, rue Louis Lormand, F-78321 La Verrière (FR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MACAIRE, Franck** [FR/FR]; 3, avenue St Exupéry, F-92160 Antony (FR).

(74) Common Representative: **LEVY-MOULIN, Béatrice**; Valeo Systemes D'Essuyage, Z.A. de l'Agiot-B.P. 81, 8, rue Louis Lormand, F-78321 La Verrière (FR).

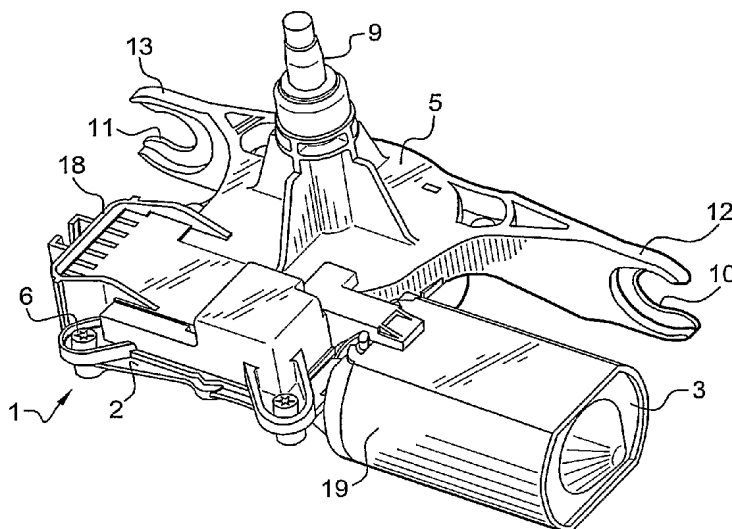
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: GEAR MOTOR IN PARTICULAR FOR MOTOR VEHICLE WIPER MECHANISM



(57) Abstract: The invention concerns a gear motor (1) in particular for a motor vehicle wiper mechanism, comprising a support housing (2) whereon are mounted an electric motor (3) connected to a reduction gear, a closure housing (5) covering the support housing (2), and connection means electrically connecting among them the different electrical components of the gear motor (1). The invention is characterized in that the connecting means comprise at least one strip conductor which is overmoulded inside the closure housing (5), and which is provided with at least one indentation adapted to co-operate by close-fit with a connection plug of one of the electrical components of the gear motor, the strip conductor portions delimiting longitudinally each indentation being respectively adapted to exert a contact pressure by elastic deformation on each surface of the associated connection plug.

WO 2005/075266 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.